

Application No.: 09/866,831
Docket No.: TP2630USNA

Amendments to Claims

Add new claims:

17. A laminate structure comprising a layer of fabric, wherein a first polymer having a first stress index is completely impregnated within the fabric layer, wherein the surfaces of the fabric are substantially free of the first polymer and at least one layer of a second polymer is coated onto at least one surface of the fabric, the second polymer having a second stress index higher than the first stress index, wherein the first polymer has a stress index of about 6 MPa or less and the second polymer has a stress index of least about 7 MPa, wherein the first polymer is ethylene methyl acrylate.

18. A laminate structure comprising a layer of fabric, wherein a first polymer having a first stress index is substantially completely impregnated within the fabric layer, wherein the surfaces of the fabric are substantially free of the first polymer and at least one layer of a second polymer is coated onto at least one surface of the fabric, the second polymer having a second stress index higher than the first stress index, wherein the first polymer is selected from the group consisting of ethylene copolymer having a total comonomer content of at least 35 weight percent; thermoplastic elastomers having a Shore A hardness of 90 or less; fully crosslinked rubber polymers having a Shore A hardness of 90 or less; and polyvinyl chloride having a Shore A hardness of 90 or less.

19. The structure of claim 18, wherein the ethylene copolymer is selected from the group consisting of ethylene n-butyl acrylate carbon monoxide, ethylene vinyl acetate, ethylene vinyl acetate carbon monoxide, ethylene butyl acrylate, ethylene n-butyl acrylate glycidyl methacrylate, ethylene ethyl acrylate, ethylene acrylic acid, ethylene ethyl acrylate glycidyl methacrylate, and ethylene methyl acrylate glycidyl methacrylate.

20. The structure of claim 18, wherein the thermoplastic elastomer is selected from the group consisting of styrene ethylene butylene styrene and polypropylene/ ethylene propylene diene monomer rubber.

21. The structure of claim 17 or 18, wherein the second polymer is selected from the group consisting of ethylene copolymer; polyethylene; polypropylene; polyvinyl chloride; polypropylene/ethylene propylene diene monomer and styrene ethylene butylene styrene.